shall always correctly show the State in which the lime is actually manufactured.

(g) More than one place of manufacture of a manufacturer shall not be shown on the same barrel unless the one at which the particular lime in question is manufactured is pointed out.

(h) If the location of the home offices is stated and this is not the place of manufacture within the meaning of the above definition, an additional statement must be included to this effect: ''Manufactured at _____'' (giving the location of the plant).

(Secs. 2, 3, 39 Stat. 530; 15 U.S.C. 238, 239)

§ 240.6 Tolerances.

(a) When lime is packed in barrels the tolerance to be allowed on the large barrel or the small barrel of lime shall be 5 pounds in excess or in deficiency on any individual barrel: *Provided*, *however*, That the average error on 10 barrels of the same nominal weight and packed by the same manufacturer shall in no case be greater than 2 pounds in excess or in deficiency. In case all the barrels available are not weighed, those which are weighed shall be selected at random.

(b) When lime is packed in containers of less capacity than the standard small barrel, the tolerance to be allowed in excess or in deficiency on individual containers of various weights, shall be the values given in the column headed ''Tolerance on individual package,'' of the following table: *Provided*, *however*, That the average error on 10 containers of the same nominal weight and packed by the same manufacturer shall in no case be greater than the values given in the column headed ''Tolerance on average weight,'' of the following table. In case all the containers available are not weighed, those which are weighed shall be selected at random.

Weight of packaged	Tolerance on individual package (pounds)	Tolerance on average weight (pounds)
Not greater than 50 lbs	1½	⅝
More than 50 lb. and not greater than 100 lbs	2	¾
More than 100 lb. and not greater than 150 lb	3	1¼
More than 150 lb. and less than 180 lb	4	1½

(c) When lime in bulk is sold, charged for, or purported to be delivered as a definite number of large or small barrels, the tolerance to be allowed in excess or in deficiency on such amounts of lime shall be 15 pounds per 1,800 pounds (10 small barrels), or 25 pounds per 2,800 pounds (10 large barrels).

PART 241—BARRELS FOR FRUITS, VEGETABLES AND OTHER DRY COMMODITIES, AND FOR CRANBERRIES

Sec.
241.1 Capacities.
241.2 Legal standard barrels.
241.3 Application of tolerance for ''distance between heads.''
241.4 Application of tolerance for ''diameter of head.''
241.5 Standard dimensions.
241.6 Classes of barrels for tolerance application.
241.7 Tolerances to be allowed.

AUTHORITY: Sec. 3, 38 Stat. 1187; 15 U.S.C. 236.

SOURCE: 13 FR 8373, Dec. 28, 1948, unless otherwise noted.

NOTE: The rules and regulations in this part refer entirely to individual barrels, and no separate tolerance has been placed on the average content of a number of barrels taken at random from a shipment. It is not believed that barrels can be so made as to take advantage of the tolerances, and, of course, no attempt should be made to do this. It is, therefore, expected that as many barrels will be above as below the standard capacity.

§ 241.1 Capacities.

(a) The capacities of the standard barrel for fruits, vegetables, and other dry commodities, other than cranberries, and its subdivisions, are as follows:

Size	Cubic inches	Bushels [1]	Quarts [1]
Barrel	7,056	3.281	105
¾ barrel	5,292	2.46	78¾
½ barrel	3,528	1.641	52½
⅓ barrel	2,352	1.094	35

[1] Struck measure.

(b) The capacities of the standard cranberry barrel and its subdivisions are as follows:

Size	Cubic inches	Bushels [1]	Quarts [1]
Cranberry barrel	5,826	2.709	86 45/64
¾ cranberry barrel	4,369.5	2.032	65 1/64
½ cranberry barrel	2,913	1.355	43 11/32
⅓ cranberry barrel	1,942	.903	28 29/32

[1] Struck measure.

(Sec. 1, 38 Stat. 1186; 15 U.S.C. 234)

§ 241.2 Legal standard barrels.

(a) Any barrel having the dimensions specified for a standard barrel for fruits, vegetables, and other dry commodities, other than cranberries, in section 1 of the standard-barrel law, or any barrel or a subdivision thereof having the contents specified in section 1 of the standard-barrel law and in § 241.1(a) regardless of its form or dimensions, is a legal standard barrel for fruits, vegetables, or other dry commodities other than cranberries, or a legal subdivision thereof. No other barrel or subdivision in barrel form is a legal container for fruits, vegetables, or other dry commodities other than cranberries.

(b) Any barrel having the dimensions specified for a standard barrel for cranberries in section 1 of the standard-barrel law, or any subdivision thereof having the contents specified in § 241.1(b), regardless of its form or dimensions, is a legal standard barrel for cranberries or a legal subdivision thereof. No other barrel or subdivision in barrel form is a legal container for cranberries.

(Sec. 1, 38 Stat. 1186; 15 U.S.C. 234)

§ 241.3 Application of tolerance for "distance between heads."

The tolerance established in this part for the dimension specified as ''distance between heads'' shall be applied as follows on the various types of barrels in use:

(a) When a barrel or subdivision thereof has two heads, the tolerance shall be applied to the distance between the inside surfaces of the heads and perpendicular to them.

(b) When a barrel or subdivision thereof has but one head and a croze ring or other means for the insertion of a head, such as an inside hoop, etc., at the opposite end, the tolerance shall be applied to the distance from the inside surface of the bottom head and perpendicular to it to the inside edge of the croze ring, or to a point where the inside surface of a head would come were such head inserted in the barrel.

(c) When a barrel or subdivision thereof has but one head and no croze ring or other means for the insertion of a head, such as an inside hoop, etc., at the opposite end, the tolerance shall be applied to the distance from the inside surface of the bottom head and perpendicular to it to a point 1⅛ inches from the opposite end of the staves in the case of a barrel or a ¾ barrel, and to a point 1 inch or ⅞ inch from the opposite end of the staves in the case of the ½ barrel and ⅓ barrel, respectively. When a barrel or subdivision thereof has been manufactured with but one head and no croze ring or other means for the insertion of a head at the opposite end, and it is desired to insert a second head, the croze ring shall be so cut that the inside edge shall not be more than 1⅛ inches from the end of the staves in the case of a barrel or ¾ barrel or not more than 1 inch or ⅞ inch from the end of the staves in the case of the ½ barrel and ⅓ barrel, respectively, or the other means shall be so adjusted that the inside surface of the head when inserted shall not exceed these distances from the end of the staves.

§ 241.4 Application of tolerance for "diameter of head."

(a) The tolerance established in this part for the dimension specified as ''diameter of head'' shall be applied to the diameter of the head over all, including the part which fits into the croze ring of the completed barrel.

(b) The tolerance established in this part for the dimension specified as ''effective diameter of head'' shall be applied as follows on the various types of barrels and subdivisions in use;

(1) When a barrel or subdivision thereof has two heads, the tolerance shall be applied to the mean of the average diameters from inside to inside of staves at the inner edges of the heads.

(2) When a barrel or subdivision thereof has but one head and a croze

ring or other means for the insertion of a head at the opposite end, the tolerance shall be applied to the mean of the average diameters, one taken from inside to inside of staves at the inner edge of the head, the other from inside to inside of staves at the inner edge of the croze ring, or from inside to inside of staves at a point where the inside surface of a head would come were such head inserted in the barrel.

(3) When a barrel or subdivision thereof has but one head and no croze ring or other means for the insertion of a head at the opposite end, the tolerance shall be applied to the mean of the average diameters, one taken from inside to inside of staves at the inner edge of the head, the other taken from inside to inside of staves at a point 1⅛ inches from the end of the staves in the case of a barrel or ¾ barrel, or at a point 1 inch or ⅞ inch from the end of the staves in the case of a ½ barrel or ⅓ barrel, respectively.

(c) The standard allowance for depth of croze ring shall be 3/16 inch. Therefore, the standard ''effective diameter of head'' in the case of the standard barrel is 16¾ inches and in the case of the standard cranberry barrel is 15⅞ inches.

§ 241.5 Standard dimensions.

Whenever in the rules and regulations in this part the error on a dimension is mentioned, this error shall be determined by taking the difference between the actual measured dimension and the standard dimension. The error is an error in excess and is to be preceded by a plus sign when the measured dimension is greater than the standard dimension. The error is an error in deficiency and is to be preceded by a minus sign when the measured dimension is less than the standard dimension.

(a) The standard dimensions of a barrel for fruits, vegetables, and other dry commodities other than cranberries, and of a barrel for cranberries, with which the actual measured dimensions are to be compared, are as follows:

Dimensions	Barrel for fruits, vegetables, and other dry commodities other than cranberries (inches)	Barrel for cranberries (inches)
Diameter of head	17⅛	16¼
Effective diameter of head (see § 241.4)	16¾	15⅞
Distance between heads	26	25¼
Circumference of bulge, outside measurement	64	58½
Length of stave	28½	28½

(b) In the case of all subdivisions of the barrel for fruits, vegetables, and other dry commodities other than cranberries, and all subdivisions of the barrel for cranberries, the following dimensions are hereby standardized for the purpose of the application of tolerances, and the actual measured dimensions are to be compared with these:

SUBDIVISIONS OF BARREL FOR FRUITS, VEGETABLES, AND OTHER DRY COMMODITIES OTHER THAN CRANBERRIES

Dimensions	¾ barrel (inches)	½ barrel (inches)	⅓ barrel (inches)
Effective diameter of head (see § 241.4)	15¼	13⅜	11⅝
Distance between heads	23½	20½	18
Circumference of bulge, outside measurement	58½	51½	45¼

SUBDIVISIONS OF BARREL FOR CRANBERRIES

Effective diameter of head (see § 241.4)	14⅜	12⅝	11
Distance between heads	23	20	17½
Circumference of bulge, outside measurement	53⅜	47	41⅜

(Sec. 1, 38 Stat. 1186; 15 U.S.C. 234)

§ 241.6 Classes of barrels for tolerance application.

For the purpose of the application of tolerances, barrels for fruits, vegetables, and other dry commodities other than cranberries, are hereby divided into two classes as follows:

(a) Class 1 shall include (1) all barrels no dimension of which is in error by more than the following amounts, and (2) all barrels one or more of the dimensions of which are in error by more than the following amounts, and which in addition have no dimension in error in the opposite direction:

	Error, inches
Effective diameter of head	¼
Distance between heads	¼

	Error, inches
Circumference of bulge, outside measurement ..	1½

(b) Class 2 shall include all barrels at least one dimension of which is in error by more than the amounts given above, but which in addition have at least one dimension in error in the opposite direction. (This class includes all barrels mentioned in section 1 of the law in the proviso reading: ''*Provided*, That any barrel of a different form having a capacity of seven thousand and fifty-six cubic inches shall be a standard barrel.'')

(Sec. 1, 38 Stat. 1186; 15 U.S.C. 234)

§ 241.7 Tolerances to be allowed.

(a) The tolerances to be allowed in excess or in deficiency on the dimensions of all barrels of Class 1 shall be as follows:

	Tolerance inches
Diameter of head	¼
Effective diameter of head	¼
Distance between heads	¼
Circumference of bulge, outside measurement ..	1½
Length of stave	½

(1) If no dimension of a barrel of Class 1 is in error by more than the tolerance given above, then the barrel is within the tolerance allowed.

(2) If one or more of the dimensions of a barrel of Class 1 is in error by more than the tolerance given above, then the barrel is not within the tolerance allowed.

(b) The tolerance to be allowed in excess or in deficiency on all barrels of Class 2 shall be 1½ inches (1.5) inches, and this tolerance is to be applied to the result obtained by the application of the following rule:

(1) Having determined the errors of each dimension and given to each its proper sign (see § 241.4), add the errors on the effective diameter of head and the distance between heads algebraically and multiply the result by 1.67 (or 5⁄3). Then add this result to the error on the circumference of bulge algebraically. If the result obtained is not greater than the tolerance given above, then the barrel is within the tolerance allowed; if the result is greater than this tolerance, then the barrel is not within the tolerance allowed.

NOTE: To find the algebraic sum of a number of quantities having different signs, first add all those having one sign; then add all those having the opposite sign; then subtract the smaller sum from the larger, giving this result the sign of the larger quantity.

(2) [Reserved]

(c) The tolerance to be allowed in excess or in deficiency on the dimensions of all barrels for cranberries shall be as follows:

	Tolerance, inches
Diameter of head	¼
Effective diameter of head	¼
Distance between heads	¼
Circumference of bulge, outside measurement ..	1⅜
Length of stave	½

(1) If no dimension of a barrel for cranberries is in error by more than the tolerance given above, then the barrel is within the tolerance allowed.

(2) If one or more of the dimensions of a barrel for cranberries is in error by more than the tolerance given above, then the barrel is not within the tolerance allowed.

(d) The tolerances to be allowed in excess or in deficiency on all subdivisions of the standard barrel for fruits, vegetables, and other dry commodities other than cranberries, and on all subdivisions of the standard barrel for cranberries, shall be the values given in the following table, and these tolerances are to be applied to the result obtained by the application of the following rule:

(1) Having determined the errors on each dimension and given to each its proper sign (see § 241.5), add the errors on the effective diameter of head and the distance between heads algebraically and multiply the result by 1.67 (or 5⁄3). Then add this result to the error on the circumference of bulge algebraically. If the result obtained is not greater than the tolerance given in the following table for the proper subdivision, then the barrel is within the tolerance allowed; if the result is greater than this tolerance, then the barrel is not within the tolerance allowed.

Size of subdivision	Tolerance	
	For fruits, vegetables, and other dry commodities (inches)	For cranberries (inches)
¾ barrel	1⅜ (1.375)	1¼ (1.25)
½ barrel	1¼ (1.25)	1⅛ (1.125)
⅓ barrel	1⅛ (1.125)	1 (1.00)